

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012621.D
 Acq On : 05 Sep 2019 06:08
 Operator : SY/VA
 Sample : K4547-13
 Misc : 2.72G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G2-(0)

Quant Time: Sep 05 07:55:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

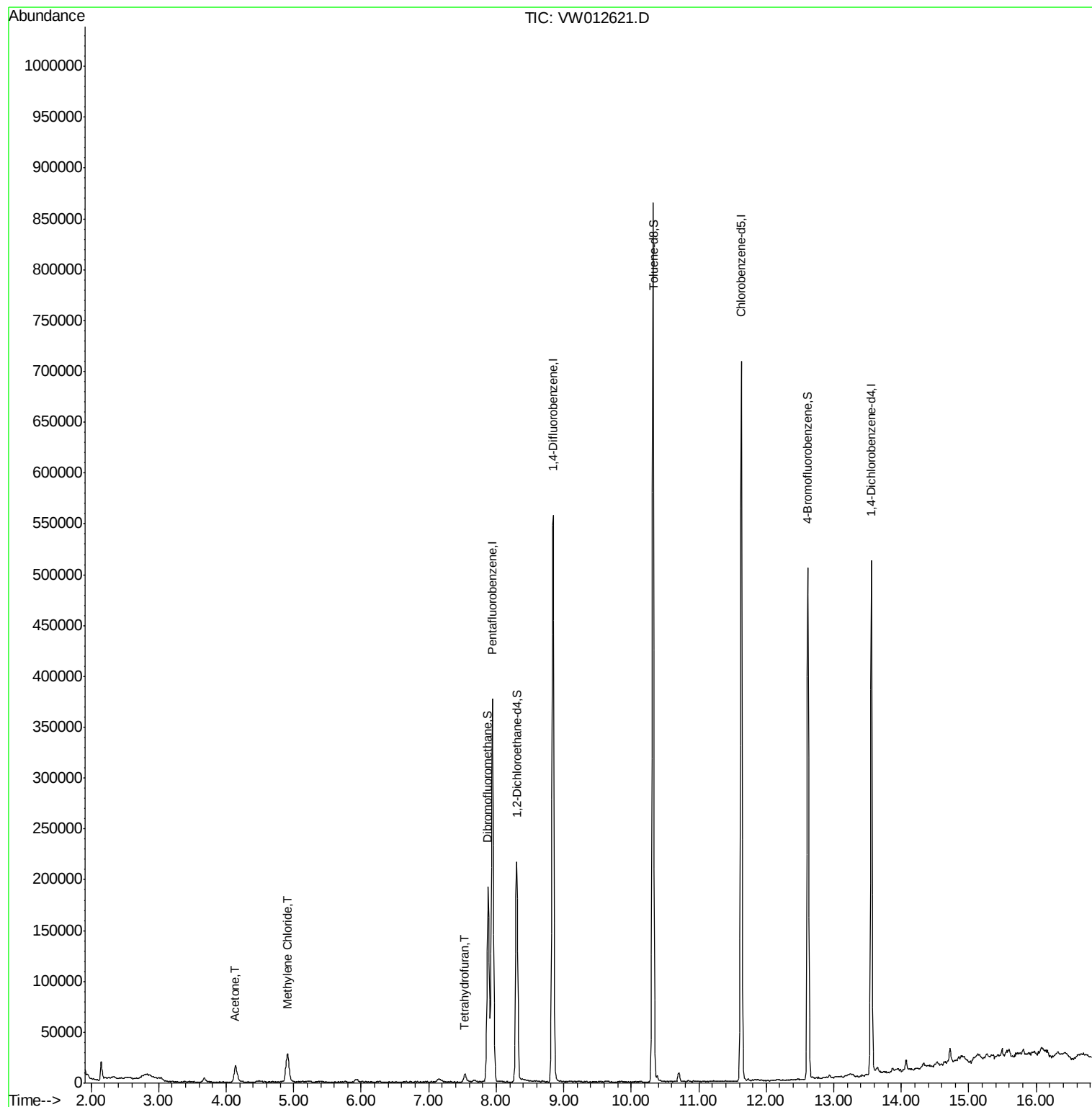
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	182225	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	7.88	113	138389	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.32	98	552340	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.62	95	161375	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
16) Acetone	4.14	43	34169	41.228	ug/l	96
20) Methylene Chloride	4.91	84	20627	6.584	ug/l	96
29) Tetrahydrofuran	7.54	42	6974	10.321	ug/l	98

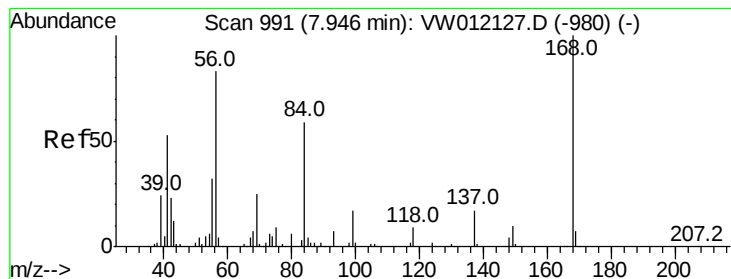
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

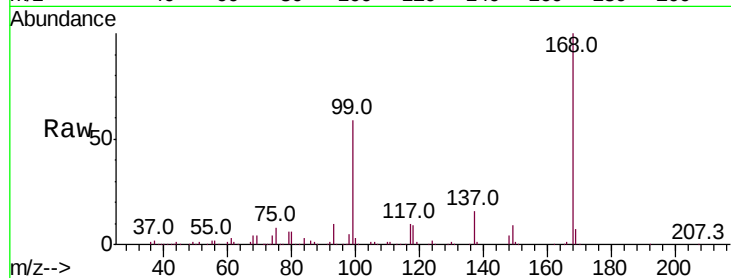
T7-S-G2-(0)

Tot Ion:168 Resp: 272742

Ion Ratio Lower Upper

168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

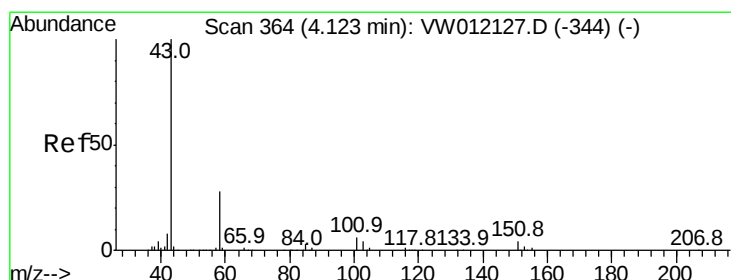
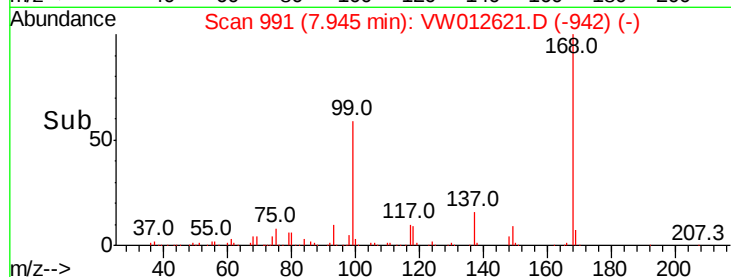
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.228 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012621.D

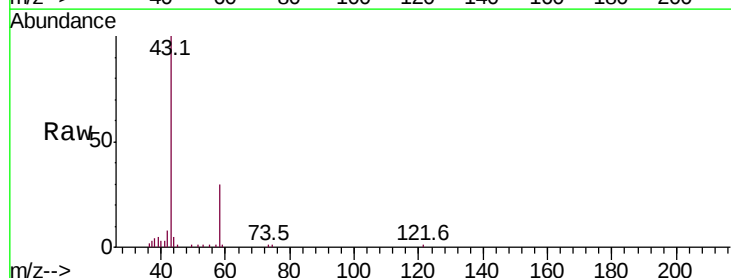
Acq: 05 Sep 2019 06:08

Tgt Ion: 43 Resp: 34169

Ion Ratio Lower Upper

43 100

58 30.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

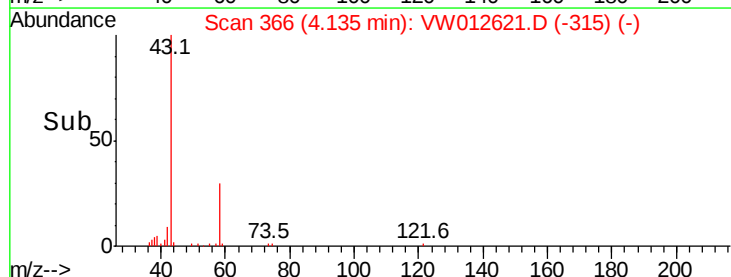
6000

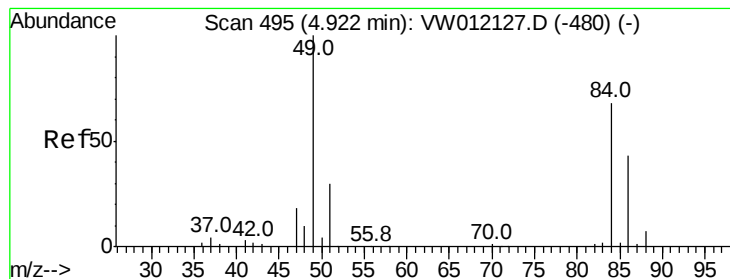
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 6.584 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G2-(0)

Tot Ion: 84 Resp: 20627

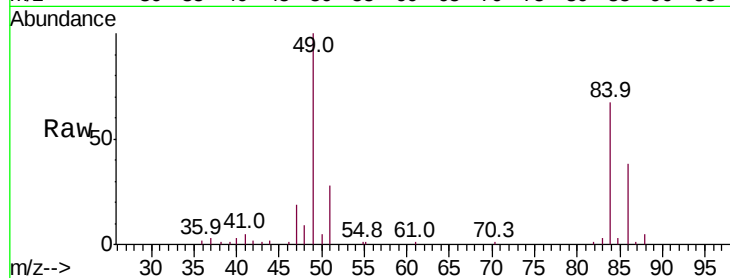
Ion	Ratio	Lower	Upper
84	100		
49	148.8	117.8	176.8
51	42.0	35.6	53.4
86	56.4	51.2	76.8

84 100

49 148.8 117.8 176.8

51 42.0 35.6 53.4

86 56.4 51.2 76.8



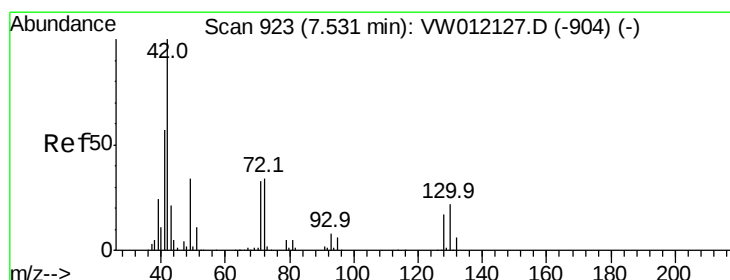
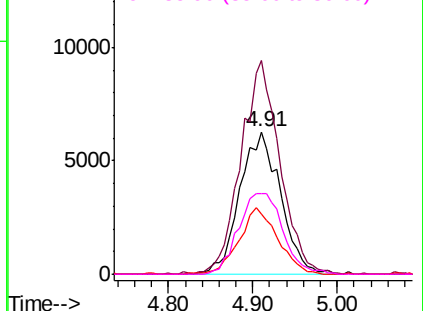
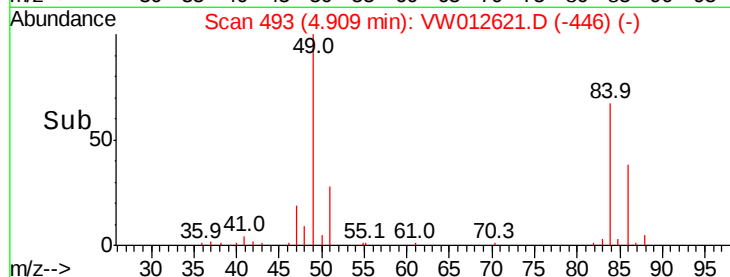
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 10.321 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

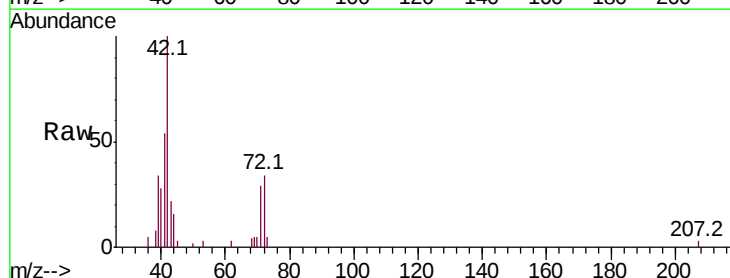
Tgt Ion: 42 Resp: 6974

Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.3	40.9
71	33.4	25.5	38.3

42 100

72 34.7 27.3 40.9

71 33.4 25.5 38.3

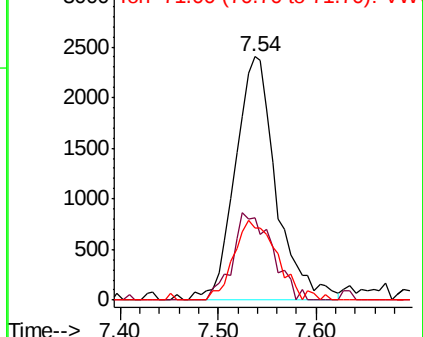
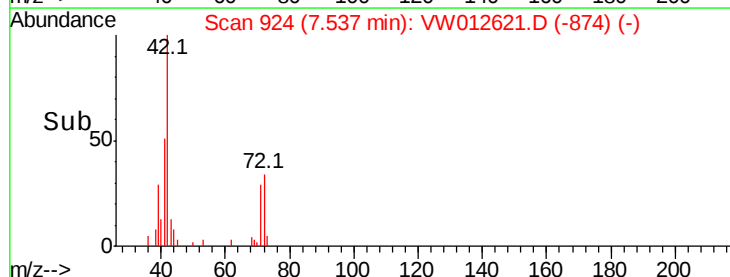


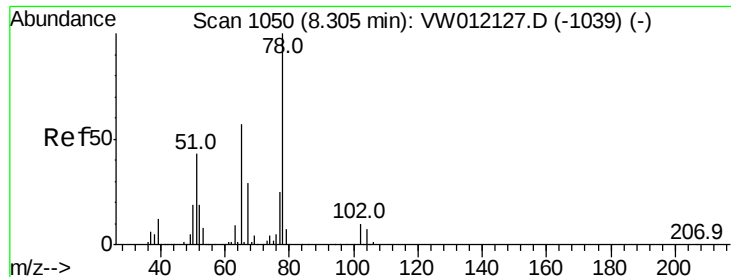
Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.203 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

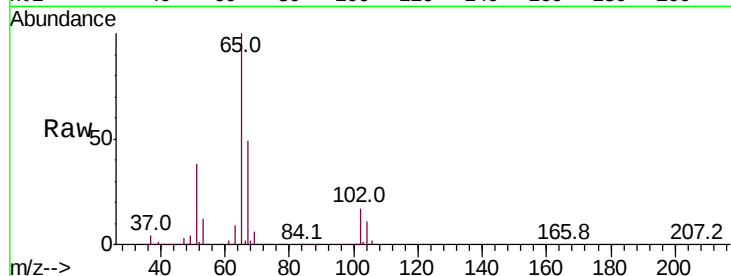
T7-S-G2-(0)

Tot Ion: 65 Resp: 182225

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

60000

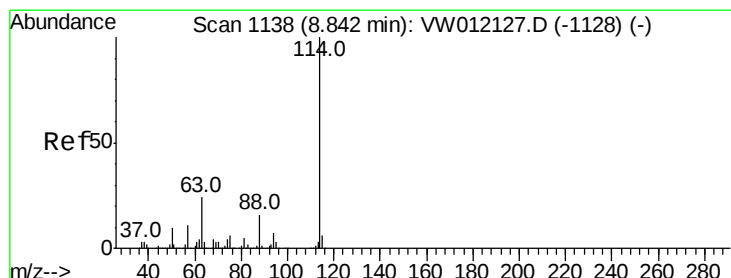
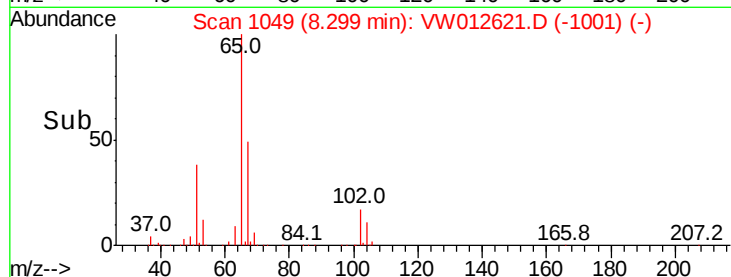
40000

20000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

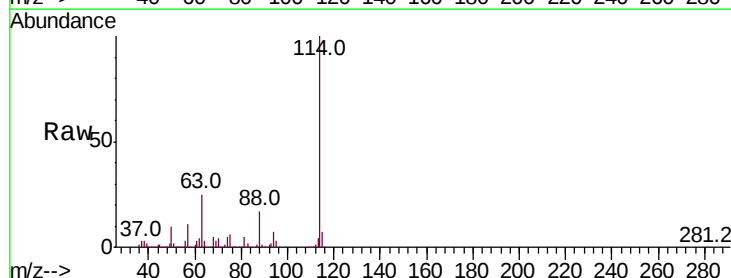
Tgt Ion: 114 Resp: 443085

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

88 16.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

300000

250000

200000

150000

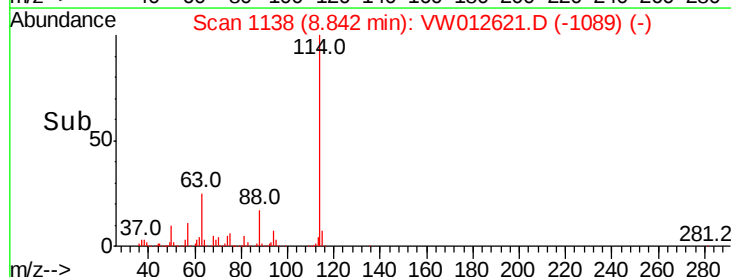
100000

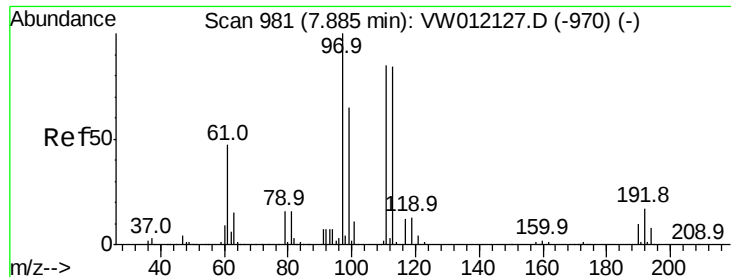
50000

0

Time-->

8.70 8.80 8.90

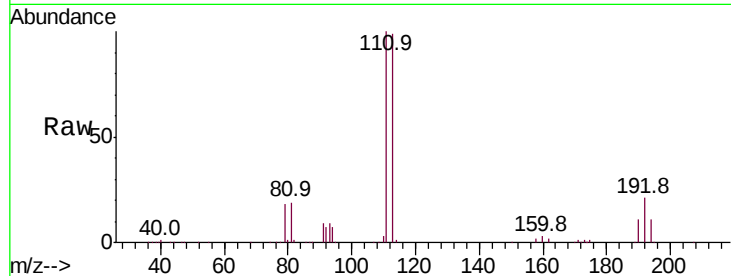




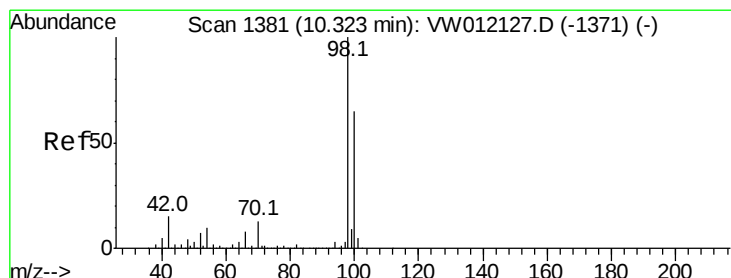
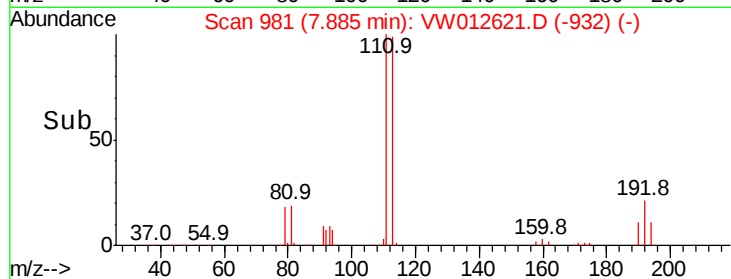
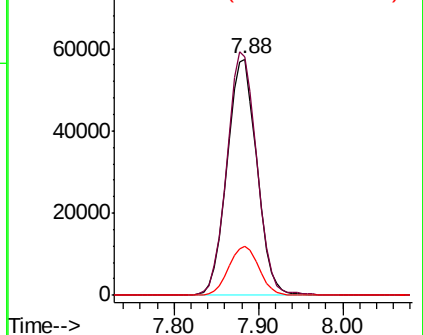
#35
 Dibromofluoromethane
 Concen: 52.325 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012621.D
 Acq: 05 Sep 2019 06:08

Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G2-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	21.0	16.2	24.2

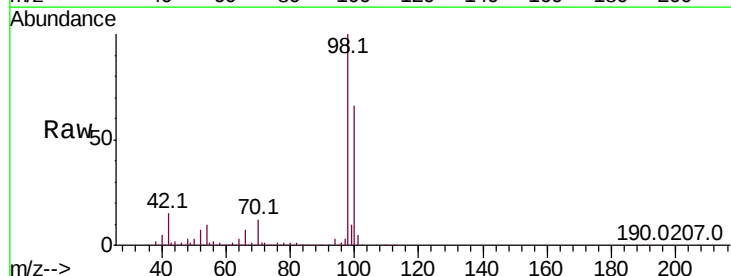


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

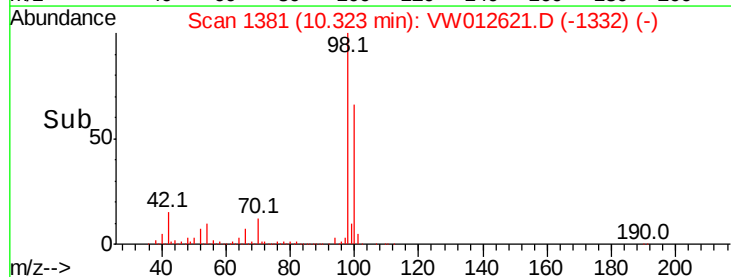
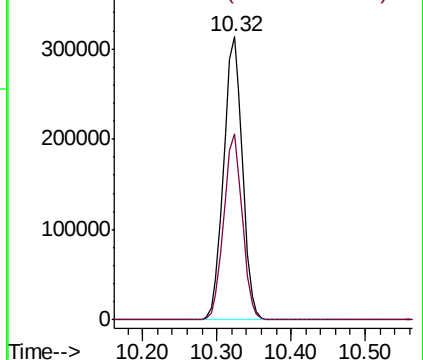


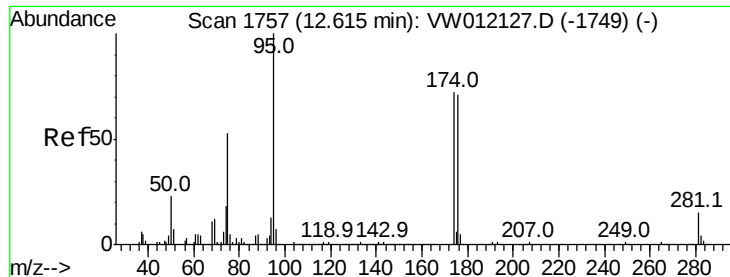
#50
 Toluene-d8
 Concen: 51.506 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012621.D
 Acq: 05 Sep 2019 06:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

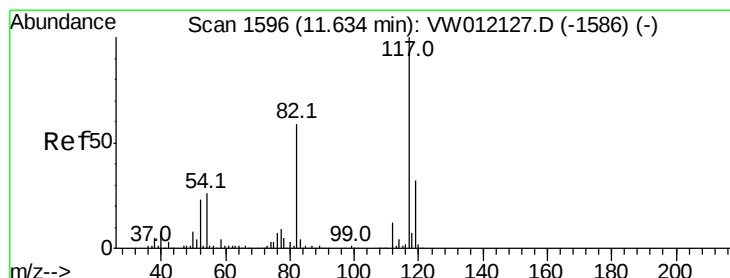
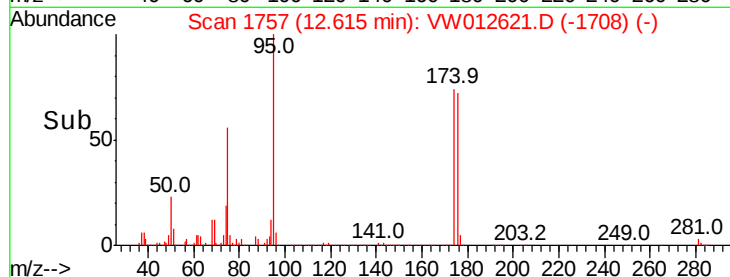
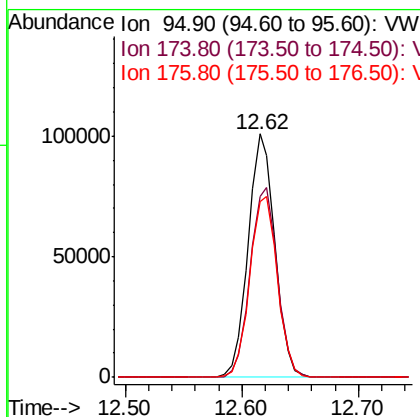
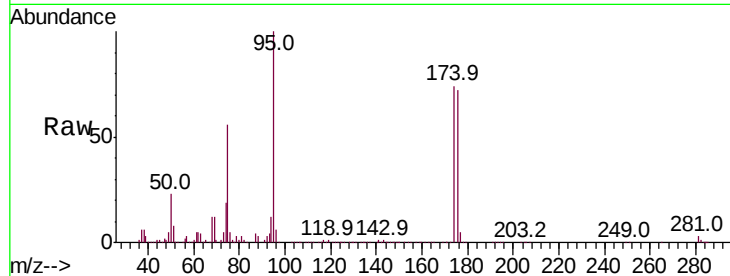




#62
4-Bromofluorobenzene
Concen: 42.690 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012621.D
Acq: 05 Sep 2019 06:08

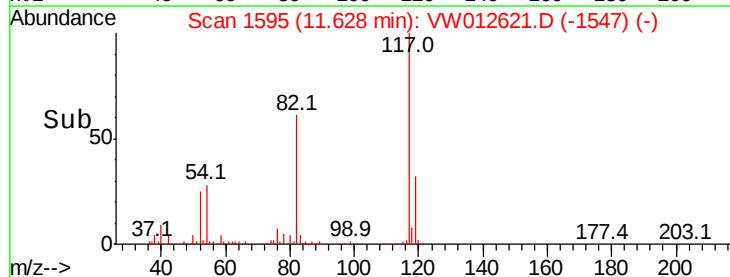
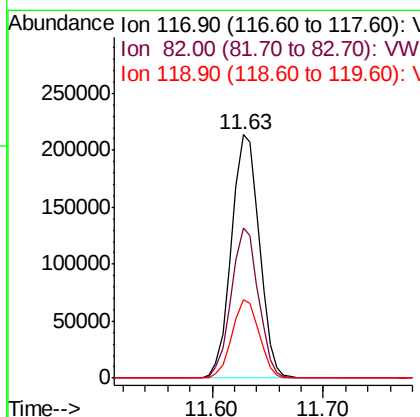
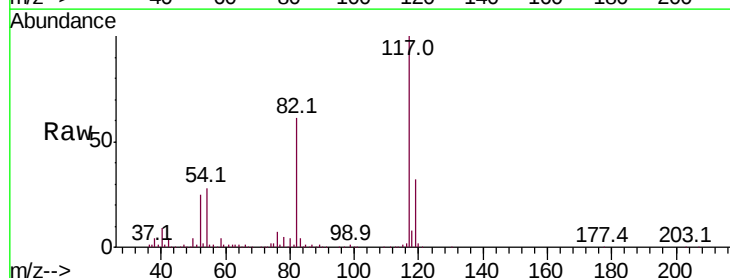
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G2-(0)

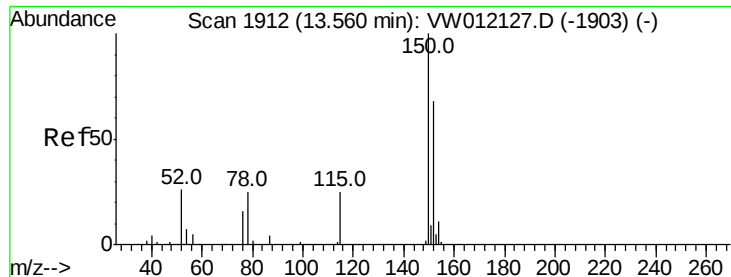
Tot Ion	95	Resp	161375
Ion Ratio	Lower	Upper	
95	100		
174	79.9	0.0	150.8
176	76.9	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012621.D
Acq: 05 Sep 2019 06:08

Tgt Ion	117	Resp	371022
Ion Ratio	Lower	Upper	
117	100		
82	61.5	47.4	71.2
119	32.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012621.D

Acq: 05 Sep 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G2-(0)

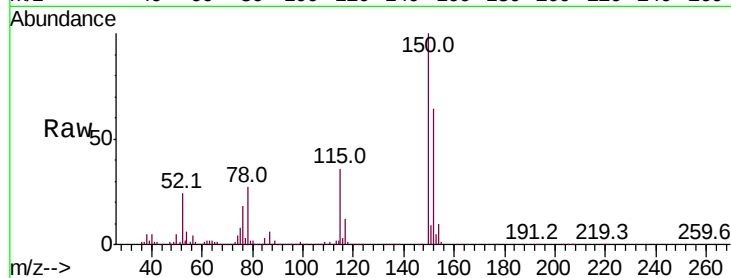
Tot Ion:152 Resp: 128174

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.3

150 156.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

